

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	3	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.02	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	2.48	MPa	ASTM D 412
Modulus at 300% Elongation	1.36	MPa	ASTM D 412
Shore A Hardness	68	-	ASTM D 2240
Tear Strength	36.8	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	17	%	ASTM D 395
Tensile Strength at Break	8.96	MPa	ASTM D 412
Elongation at Break	650	%	ASTM D 412

Other properties	Value	Unit	Test Standard
Density	920	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Zone 1	168 - 177	°C	-
Zone 2	177 - 188	°C	-
Zone 3	188 - 227	°C	-
Nozzle temperature	188 - 227	°C	-
Screw speed	40 - 100	rpm	-
Injection speed	25.4 - 127	mm/s	-
Back pressure	0.345 - 1.03	MPa	-
Holding pressure	0.862 - 2.24	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Special Characteristics

U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Features

Good Adhesion

Chemical Resistance

Ozone Resistance

Applications

Sports Equipment

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa